Rising from the Cradle Robby R. Landis Jet Propulsion Laboratory, California Institute of Technology

Russian rocket pioneer Konstantin E. Tsiolkovsky once said: "The Earth is the cradle of the mind, but one cannot live in the cradle forever." The launch of Sputnik shocked the world into the Space Age and the rapid-fire string of Soviet space achievements galvanized the United States' desire to enter the space race. Today, Cold War rivals have become international compatriots out of political and economic necessity. As the International Space Station (ISS) begins taking shape, we are witness to the one of the most significant chapters in the story of human space exploration.